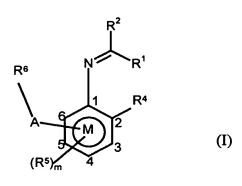
A compound of general formula I and salts thereof as fungicides

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- R¹ and R², which may be the same or different, are chosen from among alkyl, acyl, cyano, alkoxycarbonyl, aminocarbonyl, alkenyl, alkynyl, carbocyclyl, heterocyclyl, each of which may be substituted, and hydrogen; or
- R² and R¹, together with their interconnecting atoms may form a ring, which may be substituted;
- R⁴ is chosen from among alkyl, alkenyl, alkynyl, carbocyclyl, heterocyclyl, each of which may be substituted; hydroxy; mercapto; azido; nitro; halogen; cyano, acyl; optionally substituted amino; cyanato; thiocyanato; -SF₅; -OR^a; -SR^a and Si(R^a)₃, where R^a is alkyl, alkenyl, alkynyl, acyl, carbocyclyl or heterocyclyl, each of which may be substituted;
- m is 0 to 3;
- when present R⁵, which may be the same or different to any other R⁵, is any group defined for R⁴;
- R⁶ is optionally substituted carbo- or heterocyclyl; and
- A is a direct bond, -O-, $-S(O)_n$ -, $-NR^9$ -, $-CR^7$ = CR^7 -, -C=C-, $-A^1$ -, $-A^1$ -, -O-(A^1)_k-O-, -O-(A^1)_k-, $-A^3$ -, $-A^4$ -, $-A^1O$ -, $-A^1S(O)_n$ -, $-A^2$ -, $-OA^2$ -, $-NR^9A^2$ -, $-OA^2$ -A¹-, $-OA^2$ -, $-C(R^7)$ = $C(R^8)$ -, $-S(O)_nA^1$ -, $-A^1$ -A⁴-, $-A^1$ -A⁴-, $-A^1$ -A⁴- $-C(R^8)$ =N-N= $-CR^8$ -, $-A^1$ -A⁴- $-C(R^8)$ =N-N= $-CR^8$ -, $-A^1$ -A⁴- $-C(R^8)$ =N-X²-X³-X¹-, $-A^1$ -X-C(R⁸)=N-, $-A^1$ -X-C(R⁸)=N-N= $-CR^8$ -, $-A^1$ -X-C(R⁸)=N-N(R⁹)-, $-A^1$ -X- $-A^1$ -O-N(R⁹)-A²-N(R⁹)-, $-A^1$ -N(R⁹)-A²-N(R⁹)-, $-A^1$ -N(R⁹)-N(R⁹

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 $-A^{1}N(R^{9})-A^{2}$, $-A^{1}-N(R^{9})-N=C(R^{8})$, $-A^{3}-A^{1}$, $-A^{4}-A^{3}$, $-A^{2}-NR^{9}$. $-A^{1}-A^{2}-X^{1}$, $-A^{1}-A^{1}-A^{2}-X^{1}$, $-O-A^{2}-N(R^{9})-A^{2}$, $-CR^{7}=CR^{7}-A^{2}-X^{1}$. $-C = C - A^2 - X^1 - N = C(R^8) - A^2 - X^1 - C(R^8) = N - N = C(R^8) - N - C(R^8) = N - N(R^9) - C(R^9) - C(R^9) = N - N(R^9) - C(R^9) -$ $-(CH_2)_2-Q-N=C(R^8)$ - ou $-X-A^2-N(R^9)$ where: 5 - n is 0, 1 or 2, - k is 1 to 9- A¹ is -CHR -- A^2 is -C(=X). - A^3 is -C(R⁸)=N-O-. 10 - A^4 is -O-N=C(R^8)-. - X is O or S, - X¹ is O. S. NR⁹ on a direct bond, - X² is O, NR⁹ or a direct bond, - X^3 is hydrogen, -C(= \mathbb{Q})-, -SO₂- or a direct bond, 15 - R⁷, which may be the same or different to any other R⁷, is alkyl, alkenyl, alkynyl, cyano, acyl, hydroxy, alkoxy, haloalkoxy, alkylthio, cycloalkyl or phenyl, each of which may be substituted; or is hydrogen or halogen; - R⁸, which may be the same or different to any other R⁸, is alkyl, alkenyl, alkynyl, alkoxy, alkylthio, carbo- or hetero-cyclyl, each of which may be 20 substituted; or is hydrogen; - R⁹, which may be the same or different to any other R⁹, is optionally substituted alkyl, optionally substituted carbo- or hetero-cyclyl, hydrogen or acyl; or two R⁹ groups on A, together with the connecting atoms, form a 5 to 7 membered ring: 25 where the moiety depicted on the right side of linkage A is attached to R⁶; or -A-R⁶ and R⁵ together with benzene ring M form an optionally

2. A compound according to claim 1 wherein R¹ is alkyl, alkenyl or alkynyl, each of which may be substituted by alkoxy, haloalkoxy, alkylthio, halogen or optionally substituted phenyl; or is hydrogen.

substituted fused ring system.

3. A compound according to claim 2 wherein R¹ is alkyl, alkenyl or alkynyl, each of which may be substituted by alkoxy, haloalkoxy, alkylthio, halogen or

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phenyl optionally substituted by alkyl, haloalkyl, alkoxy, haloalkoxy or alkylthio, each containing 1 to 5 carbon atoms, or halogen, or is hydrogen.

- 4. A compound according to any preceding claim wherein R^1 is C_1 - C_{10} alkyl or hydrogen.
 - 5. A compound according to any preceding claim wherein R^1 is methyl or hydrogen.
- 6. A compound according to any preceding claim wherein R² is alkyl, acyl, alkoxycarbonyl, aminocarbonyl, alkenyl or alkynyl, each of which may be substituted by alkoxy, haloalkoxy, alkylthio, halogen or optionally substituted phenyl, or is hydrogen or alkylcarbonyl.
- 7. A compound according to any preceding claim wherein R² is alkyl, acyl, alkoxycarbonyl, aminocarbonyl, alkenyl or alkynyl, each of which may be substituted by alkoxy, haloalkoxy, alkylthio, halogen or phenyl optionally substituted by alkyl, haloalkyl, alkoxy, haloalkoxy or alkylthio, each containing 1 to 5 carbon atoms, or by halogen, or is hydrogen or alkylcarbonyl.
 - 8. A compound according to any preceding claim wherein R^2 is C_1 - C_{10} alkyl or hydrogen.
- 9. A compound according to any preceding claim wherein R² is methyl or hydrogen.
 - 10. A compound according to any preceding claim wherein R⁴ is alkyl, alkenyl, or alkynyl, each of which may be substituted by alkoxy, haloalkoxy, alkylthio, halogen or optionally substituted phenyl; or is hydroxy; halogen; cyano; acyl; alkoxy; haloalkoxy; or alkylthio.
 - 11. A compound according to any preceding claim wherein R⁴ is alkyl, alkenyl, or alkynyl, each of which may be substituted by alkoxy, haloalkoxy, alkylthio, halogen or phenyl optionally substituted by alkyl, haloalkyl, alkoxy, haloalkoxy or alkylthio, each containing 1 to 5 carbon atoms, or halogen; or is hydroxy; halogen;

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cyano; acyl; alkoxy; haloalkoxy; or alkylthio.

- 12. A compound according to any preceding claim wherein R^4 is alkyl, alkenyl, or alkynyl, each of which may be substituted by alkoxy, haloalkoxy, alkylthio, halogen or optionally substituted phenyl; or is hydroxy; halogen; cyano; $-C(=O)R^c$, $-C(=S)R^c$ or $-S(O)_pR^c$, where R^c is alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, amino, monoalkylamino, dialkylamino or phenyl optionally substituted by alkyl, haloalkyl, alkoxy, haloalkoxy or alkylthio; or phenyloxy, phenylthio, carbocyclyl, heterocyclyl; alkoxy; haloalkoxy; or alkylthio.
- 13. A compound according to any preceding claim wherein R^4 is C_1 - C_{10} alkyl or halogen.
- 14. A compound according to any preceding claim wherein R⁴ is methyl or ethyl or halogen.
- 15. A compound according to any preceding claim wherein m is 0 or 1.
- 16. A compound according to any preceding claim wherein, when present, R^5 is a group defined for R^4 in either of claims 10 to 14.
- 17. A compound according to any preceding claim wherein, when present, R^5 is attached at the 5 position of ring M.
- 25 **18.** A compound according to any preceding claim wherein A is a direct bond, -O-, $-A^1$ -, $-S(O)_nA^1$ -, $-O(A^1)_k$ -, $-S(O)_n$ -, $-NR^9A^2$ -, $-A^2$ -, $-OA^2$ -, $-OA^2$ -A¹-, $-NR^9$ or $-O(A^1)_kO$ -.
- 19. A compound according to any preceding claim wherein A is a direct bond, 30 -O-, -S-, -NR⁹-, -CHR⁷- or -O-CHR⁷-.
 - **20.** A compound according to any preceding claim wherein A is a direct bond or -O-.

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- 21. A compound according to any preceding claim wherein, when present, R⁹ is alkyl, alkenyl, or alkynyl, each of which may be substituted by alkoxy, haloalkoxy, alkylthio, halogen or optionally substituted phenyl; or is hydrogen.
- 22. A compound according to any preceding claim wherein, when present, R⁹ is alkyl, alkenyl, or alkynyl, each of which may be substituted by alkoxy, haloalkoxy, alkylthio, halogen or phenyl optionally substituted by alkyl, haloalkyl, alkoxy, haloalkoxy or alkylthio, each containing 1 to 5 carbon atoms, or halogen; or is hydrogen.

23. A compound according to any preceding claim wherein, when present, R^9 is $C_1\text{-}C_{10}$ alkyl or hydrogen.

- 24. A compound according to any preceding claim wherein, when present, R⁷ is alkyl, alkenyl, or alkynyl, each of which may be substituted by alkoxy, haloalkoxy, alkylthio, halogen or optionally substituted phenyl; or is hydroxy; halogen; cyano; acyl; alkoxy; haloalkoxy; alkylthio; or hydrogen.
- 25. A compound according to any preceding claim wherein, when present, R⁷ is alkyl, alkenyl, or alkynyl, each of which may be substituted by alkoxy, haloalkoxy, alkylthio, halogen or phenyl optionally substituted by alkyl, haloalkyl, alkoxy, haloalkoxy or alkylthio, each containing 1 to 5 carbon atoms, or by halogen; or is hydroxy; halogen; cyano; acyl; alkoxy; haloalkoxy; alkylthio; or hydrogen.
- 25 **26.** A compound according to any preceding claim wherein, when present, R^7 is C_1 - C_{10} alkyl or hydrogen.
 - 27. A compound according to any preceding claim wherein A is attached to the 4 position of benzene ring M.
 - 28. A compound according to any preceding claim wherein R^6 is optionally substituted aromatic heterocyclyl.

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- 29. A compound according to any preceding claim wherein R⁶ is optionally substituted thiazolyl, isothiazolyl, thiadiazolyl, pyridyl or pyrimidinyl.
- 30. A compound according to any preceding claim wherein R⁶ is optionally substituted 1,2,4-thiadiazolyl.
 - 31. A compound according to any preceding claim wherein when substituted, R⁶ may be substituted by one or more substituents, which may be the same or different, and may be selected from the list: alkyl, alkenyl, alkynyl, carbo- or heterocyclyl, each of which may be substituted; hydroxy; mercapto; azido; nitro; halogen; cyano; acyl; optionally substituted amino; cyanato; thiocyanato; -SF₅; -OR^a; -SR^a and -Si(R^a)₃, where R^a is alkyl, alkenyl, alkynyl, carbocyclyl or heterocyclyl, each of which may be substituted.
- 32. A compound according to claim 31 wherein when substituted, R⁶ may be substituted by one or more substituents, which may be the same or different, and may be selected from the list: hydroxy; halogen; cyano; acyl; amino; alkylamino; dialkylamino; alkyl; haloalkyl; R^aO-alkyl; acyloxyalkyl; cyano-oxyalkyl; alkoxy; haloalkoxy; alkylthio; carbocyclyl, optionally substituted by alkyl, haloalkyl, alkoxy, haloalkoxy or alkylthio; and benzyl optionally substituted by alkyl, haloalkyl, alkoxy, haloalkoxy or alkylthio.
 - **33.** The use of a compound according to any preceding claim and salts thereof as fungicides.
 - 34. A fungicidal composition comprising at least one compound as claimed in any one of claims 1 to 32 in admixture with an agriculturally acceptable diluent or carrier.
- 35. A method of combating fungi at a locus infested or liable to be infested therewith, which comprises applying to the locus a compound as claimed any one of claims 1 to 32.